

20000611.ba v02_n921.bam.20000611

>From ???@??? Sun Jun 11 16:38:57 2000 -0500
Message-Id: <200006112137.e5BLbPk21224@sco.theporch.com>
Date: Sun, 11 Jun 2000 16:35:22 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2921

BOATANCHORS Digest 2921

Topics covered in this issue include:

- 1) Re: BIG A NOT PC WITH OT'S
by Arden Allen <gumbear@pacbell.net>
- 2) Re: Quick and Dirty SP-600 Audio Modifications
by "Steve" <scb@fly.hiwaay.net>
- 3) ME-6D/U Voltmeter again
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
- 4) Boatanchor meeting point HAM RADIO in Friedrichshafen]
by Heinz und Hannelore Breuer <hbreuer@debitel.net>
- 5) Transformer info needed
by " James R. Binkley" <w4aos@his.com>
- 6) VT GRID CIRCUIT TESTER
by cswiger <cswiger@wilma.widomaker.com>
- 7) 51S1 Question
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 8) Friend looking for a Mackay 128AZ, requires some help.
by "Jim Berry" <basalop@gte.net>
- 9) 881-MI VLF Rx
by David Prince <davprin@gil.com.au>
- 10) HamCom-hum
by mnhopkins@juno.com
- 11) HamCom-hum
by mnhopkins@juno.com
- 12) TV-10 vs TV-7
by john <johnmb@mindspring.com>
- 13) Why is this cap in my HRO-50?
by " James R. Binkley" <w4aos@his.com>
- 14) Two questions
by Jack Antonio <dia@dia.reno.nv.us>
- 15) GRC-109 & RS-6 on field day?
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
- 16) Re: TV-10 vs TV-7
by W7QH0@aol.com
- 17) RE: GRC-109 & RS-6 on field day?
by "Meir Ben-Dror" <wf2u@qsl.net>
- 18) RE: GRC-109 & RS-6 on field day?

- by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
- 19) GR 125mh tapped coil
by Avery Comarow <acomarow@usnews.com>
 - 20) PP-454/FRT-5 schematic?
by Joe Eide <jeide@execpc.com>
 - 21) Origin of "S" system?
by "Hue Miller" <kargokult@proaxis.com>
 - 22) Re: HamCom-hum
by "Hue Miller" <kargokult@proaxis.com>
 - 23) Re: 32V output
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)

Date: Fri, 09 Jun 2000 22:06:52 -0700
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: BIG A NOT PC WITH OT'S
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0FVX00853A6VKM@mta5.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Bob;

Some comments:

> Well, I took some time today to go thru my SP-600 and check a few things
> out. I had not noticed any obvious audio distortion in mine. I fed in a
> 99% modulated S-9 signal and it looked real clean at the input to the
> detector so I did not mess with V11.

With a steady state 99% modulated signal the AGC will pare the gain down a bit more than with 99% voice modulation. That's because the diode detector is essentially a peak riding rectifier. The input to V11 will be a bit less so less obvious clipping. With more receiver gain voice peaks will get clipped, or should I say 'mushed', a bit harder.

> I then proceeded to check the audio stages. While I didn't actually use a
> distortion meter to check the amp out, again, a sine wave looked very
> clean on the scope. However, I do see a bit of distortion coming out of
> the detector itself. I will look at that again one of these days.

The "bit" of distortion you see may be from the detector itself. Diode detectors, because their output is capacitor coupled, tend to suffer from back biasing of the diode from charging of the cap, the sharp clipping showing up at high percentages of modulation at near zero carrier. Terman covers it pretty well.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <200006100604.e5A640G04465@mail.hiwaay.net>
From: "Steve" <scb@fly.hiwaay.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 10 Jun 2000 00:45:39 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: Quick and Dirty SP-600 Audio Modifications
CC: Old Tube Radios <boatanchors@theporch.com>

>C.R.>" Change R62, R63, R64, R65, R81, R82, R83, R98, R99 to metal film types.
A.A.>"IMO, a waste of time and good resistors. If the original carbons are
within tolerance no audible improvement will be attained. You're not gonna
get .0237% IMD out of this!!"

Greetings;

If I have it right, much of the intent of Chucks detailing of the
390-A is to get the lowest possible noise floor. Ditching aging
carbon compound resistors would certainly eliminate them as a present
(or later) possible source. Chuck readily indulges in overkill when
he rebuilds and probably has some of the best performing examples
of ultimate DX machines. My .02 worth.

Regards; Steve Bringhurst

Date: Sat, 10 Jun 2000 05:19:53 -0400
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <200006100919.FAA01959@aa4rm.ba-watch.org.>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ME-6D/U Voltmeter again

If anyone responded yesterday to my 10A post on this subject it
was lost. I had BA mail on 'postpone.'

So please write back.

Thanks,

Marty

Message-ID: <39420EE8.48BCE70D@debitel.net>
Date: Sat, 10 Jun 2000 11:48:25 +0200

From: Heinz und Hannelore Breuer <hbreuer@debitel.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Boatanchor meeting point HAM RADIO in Friedrichshafen]
Content-Type: multipart/mixed;
boundary="-----2FF2D3CC6C37EA689D5DD7C7"

This is a multi-part message in MIME format.
-----2FF2D3CC6C37EA689D5DD7C7
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

yesterday I posted a message about our booth at the HAM RADIO in Friedrichshafen. I received several requests about a boatanchor meeting point. To my knowledge there is no meeting point scheduled. Last year some of us met at the ARRL booth at specific times.

I would like to welcome everybody interested in boatanchors to my table #H 090 in Hall 6 as a meeting point. I have a lot of boatanchors in my collection and only about one third are made by Collins. I guess that should be enough to qualify. :-)

73
Heinz KM5VT
-----2FF2D3CC6C37EA689D5DD7C7
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Return-Path: <owner-boatanchors@theporch.com>
Delivered-To: hbreuer@debitel.net
Received: (qmail 25096 invoked from network); 9 Jun 2000 23:52:12 +0200
Received: from mail1.dnsg.net (193.168.128.18)
by localhost with SMTP; 9 Jun 2000 23:52:12 +0200
Return-Path: <owner-boatanchors@theporch.com>
Received: from sco.theporch.com (sco.theporch.com [207.234.31.38]) by mail1.dnsg.net with SMTP (MailShield v1.5); Fri, 09 Jun 2000 23:52:10 +0200
Received: from sco.theporch.com (localhost [127.0.0.1])
by sco.theporch.com (8.11.0.Beta3/8.11.0.Beta3) with SMTP id e59LoSj08141;
Fri, 9 Jun 2000 16:50:28 -0500 (CDT)
Received: from psmtpl1.dnsg.net (psmtpl1.dnsg.net [193.168.128.41])
by sco.theporch.com (8.11.0.Beta3/8.11.0.Beta3) with SMTP id e59Ln0j08026
for <boatanchors@theporch.com>; Fri, 9 Jun 2000 16:49:25 -0500 (CDT)
Received: (qmail 16376 invoked from network); 9 Jun 2000 23:49:15 +0200
Received: from drms-3e364bc9.pool.mediaaways.net (HELO debitel.net) (62.54.75.201)
by psmtpl1.dnsg.net with SMTP; 9 Jun 2000 23:49:15 +0200

Message-ID: <3941665D.FD1C2BED@debitel.net>
Date: Fri, 09 Jun 2000 23:49:16 +0200
From: Heinz und Hannelore Breuer <hbreuer@debitel.net>
Reply-To: hbreuer@debitel.net
X-Mailer: Mozilla 4.7 (Macintosh; I; PPC)
X-Accept-Language: en
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HAM RADIO in Friedrichshafen
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Sender: owner-boatanchors@theporch.com
X-Listprocessor-Version: 8.2.07 -- ListProc(tm) by CREN
X-SMTP-HELO: sco.theporch.com
X-SMTP-MAIL-FROM: owner-boatanchors@theporch.com
X-SMTP-RCPT-TO: hbreuer@debitel.net
X-SMTP-PEER-INFO: sco.theporch.com [207.234.31.38]
X-Mozilla-Status2: 00000000

Hi,

the HAM RADIO in Friedrichshafen, Germany is ante portas. The HAM RADIO is the largest amateur radio event in Europe with about 20,000 attendees from all over Europe and other parts of the world too and will take place from Thursday, June 22 to Saturday, June 24 at the Messe Friedrichshafen. Friedrichshafen is located on the north shore of beautiful Lake Constance, Switzerland and Austria are just minutes away.

There is a large fleamarket section and I was able to find some nice boatanchors in the past years. If you are interested in military equipment from the former Eastern bloc that is a place to find it.

We created a meeting point for Collins collectors in hall 6, booth H 090 in the fleamarket section. All interested people should come by and say hello. We are pleased to announce that Jay Miller, KK5IM, the author of the new book "A Pictorial History of Collins Radio Amateur Equipment", has agreed to take part and will be present at the booth most of the time. Jay also agreed to make a presentation and show his slides as he did in Dayton last month. Place and time will be announced at the booth.

Hope to see many of you at the Ham Radio.

73

Heinz KM5VT
CCA European Liaison Officer

-----2FF2D3CC6C37EA689D5DD7C7--

Message-ID: <39423D0E.9715A708@his.com>
Date: Sat, 10 Jun 2000 09:05:18 -0400
From: " James R. Binkley" <w4aos@his.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Transformer info needed
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I bought a homebrew canoeanchor modulator at the Manassas hamfest. It uses an 815 as a modulator. Pretty neat, one tube for push-pull class B amplifier.

815's are good for about 50 watts of audio, but this transformer looks a little on the small side to me for that much power. The transformer is marked as follows:

Thordarson T-45732

The driver transformer is marked:

Thordarson T-45733

Any info on the mfg. specs would be gratefully received.

By the way, I believe this modulator was probably in a handbook or QST at some point. Not too many modulators using 815's. It also uses 6N7 and 6SC7, plus a couple of other missing tubes. Does anyone recognize the circuit, or have an idea where it might have been published.

Thanks and 73 Bob w4aos

Date: Sat, 10 Jun 2000 09:40:11 -0400 (EDT)
From: cswiger <cswiger@wilma.widomaker.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: VT GRID CIRCUIT TESTER
Message-ID: <Pine.BSF.3.96.1000610093710.5983A-1000000@wilma.widomaker.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang -

Enjoyed the Manassas fest last week, like the proverbial

kid in a candy shop (e.g., saw, amongst other things, a BC-348J/N/Q IF can new in box in a rummage box). Have been *way* too busy to crow about it but finally have a moment to look at one toy which I thought might complement the emissions tube tester: a Seco model GCT-8 VT GRID CIRCUIT TESTER. It's in a small wrinkle green box with two rows of sockets, a tube chart on the face plate, a fil. sel. switch, eye adj. and an eye tube.

Anybody know how to use it??

With the fil. sel. switch in the far left position labled "FIL CONT & STDBY", the eye tube goes dark and lights up when a 6C4 is plugged into socket H per the chart - that part makes sense. Now if the fil sel is turned to the 5-6-7 position I can turn the eye adj. knob and make the eye close or open. Doesn't seem to make any difference if a tube is plugged in or not at this point. If I adj so the eye is closed it stays closed with the tube plugged in or removed, cold or warm. It contains one 12AU7 which checks ok, one selenium rectifier and 5uf cap which are probably working as the eye is lighting up (HV), one transformer which must be working as the tubes filaments light, 5 resistors look ok and one 005 disk - not much else besides that!

Any tips appreciated.

Chuck
kb4new
cswiger@widomaker.com

Message-Id: <3.0.5.32.20000610123207.007c8100@miavx1.muohio.edu>
Date: Sat, 10 Jun 2000 12:32:07 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: 51S1 Question
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

Is the round "meatball" logo on a late 51S1 always oversize (e.g., bigger than on a R.E. KWM2), or were some emblems smaller? Thanks.

Jim W8ZR

=====

<bold><italic><bigger>New!</bigger></italic></bold><italic><bigger>
</bigger></italic>>First impressions of the new Yaesu Mark V/FT1000MP

<http://www.muohio.edu/~4cx250b/web/markv.htm>

=====

From: "Jim Berry" <basalop@gte.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Friend looking for a Mackay 128AZ, requires some help.
Date: Sat, 10 Jun 2000 20:47:27 -0700
Message-ID: <000001bfd357\$c3536060\$41020f3f@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve's message (below) explains it all. If you can help, please
contact Steve,

73 Jim K7SLI

> -----Original Message-----

> From: steve saslow [mailto:k7ew@hotmail.com]

> Sent: Friday, June 09, 2000 6:58 PM

>

>

> james! something's gotten a little fouled up in the e-

> stuff i've done!

> i've lost the person to contact, who a guy named Holzer

> suggested i contact,

> to locate a 128AZ. somehow i got hooked up with someone

> who has a 128AY for

> sale. - quitw e a bit different! it weighs around 100

> lbs, and he wants

> \$150 for it, -and he lives in some far-away place, etc.

> and anyway i don't

> want that radio...

> but i've lost this other reference! can you help me?

> -steve K7EW

>

Message-ID: <39436C93.44E300F2@gil.com.au>

Date: Sun, 11 Jun 2000 20:40:19 +1000

From: David Prince <davprin@gil.com.au>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 881-MI VLF Rx
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

G'day all,

Saw this Rx for sale in the window of a closed shop today.
It is made by Electronic Engineering Co. in the U.S.A.

Anyone know anything about this Rx - Is it a boatanchor or
is it VSS? Anyone got a manual for it if I buy it?

Cheers,

--

Dave Prince VK4KDP
Ipswich, Queensland, Australia
davprin@gil.com.au
<http://www.home.gil.com.au/~davprin>

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 10 Jun 2000 21:58:45 -0500
Subject: HamCom-hum
Message-ID: <20000610.215930.-317665.3.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: mnhopkins@juno.com

Dallas/Fort Worth's Hamcom, just washed down, was rife with NC-300s. I
saw two. One was at \$150 asked and I didn't ask about the other. I
might pay that for a NC-300, if not a '303 -- especially a wet one and
most of the outside tailgaters were rained out.

It was hard to know what many of the prices might have been. There is a
pronounced tendency to displaying equipment with no posted price. Ask
and you'll find out why. A lot of people have E-Bay expectations these
days but I'll admit most of the equipment I saw, including a Galaxy 300,
was exceptionally clean.

But a veteran AF-67 with p/s sat for over a day at \$45 asked and the
cherry Heath AR-2 with book languished at \$50 asked. It drew no
counteroffer at all.

Not much Collins this time, or it was at the secret society meeting, and Drake prices were about what we expect to see on a R-4C.. Trouble was, that price was on a TR-4 and the R-4Bs were still at \$250 asked.

It's a difficult market to call, but think about this: All the handicapped parking spaces were full from daylight on and I had trouble reaching my table for the electric carts.

Someone was examining a Collins console and I was tempted to observe, "the clock is running."

73 de ab5L, michael in dallas, cataloger of converters,
Student of 6M's Golden Age: 1956-58. Box 226841, 75222
MNHopkins@JUNO.com

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sun, 11 Jun 2000 07:35:26 -0500
Subject: HamCom-hum
Message-ID: <20000611.073531.-77063.0.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: mnhopkins@juno.com

Dallas/Fort Worth's Hamcom, just washed down, was rife with NC-300s. I saw two. One was at \$150 asked and I didn't ask about the other. I might pay that for a NC-300, if not a '303 -- especially a wet one and most of the outside tailgaters were rained out.

It was hard to know what many of the prices might have been. There is a pronounced tendency to displaying equipment with no posted price. Ask and you'll find out why. A lot of people have _-Bay expectations these days but I'll admit most of the equipment I saw, including a Galaxy 300, was exceptionally clean.

Still, a veteran AF-67 with p/s sat for over a day at \$45 asked and the cherry Heath AR-2 with book languished at \$50 asked. It drew no counteroffer at all. A pair of orange painted Hallicrafters, a highband RX and an S-38-something sat on a corner at ground level inside with some command set stuff. None of it was priced and the owner didn't want to talk about it. Too much top-of-table deadwood, I expect.

Not a lot Collins this time, or it was at the secret society meeting, and Drake prices were about what we expect to see on a R-4C. Trouble was, that price was on a TR-4 and the R-4Bs were still at \$250 asked. I

didn't see a single SP-600, which are hard to miss, and an outside S-20R never grew a price.,

It's a difficult market to call, but think about this: All the handicapped parking spaces were full from daylight on and I had trouble reaching my table for the electric carts.

Someone was examining a Collins console and I was tempted to observe, "the clock is running."

73 de ab5L, michael in dallas, cataloger of converters,
Student of 6M's Golden Age: 1956-58. Box 226841, 75222
MNHopkins@JUNO.com

Message-Id: <3.0.3.32.200006111114024.00d93994@mindspring.com>
Date: Sun, 11 Jun 2000 11:40:24 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@mindspring.com>
Subject: TV-10 vs TV-7
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've got a TV10 and never hear it talked about. Was it the ugly stepchild of the popular TV7 tube tester? What accounts for its relative obscurity? Once I got the roll chart in mine untangled it's been a keeper... I bought it from a friend who got it from Fair in the early 90s.

Curious about its obscurity
John

Message-ID: <3943CFB0.CD9A6596@his.com>
Date: Sun, 11 Jun 2000 13:43:12 -0400
From: "James R. Binkley" <w4aos@his.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Why is this cap in my HRO-50?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am now the proud owner of an HRO-50-T-1. It is in need of a new power transformer and recapping. I have the transformer nearly installed and in the process discovered why the original one was fried.

The set uses a conventional full wave, center tapped transformer circuit for the high voltage supply, with a 5V4 rectifier. For some reason

which I can't fathom, National had a 0.1 Mfd 600 V. capacitor from one of the plates of the 5V4 to ground. Nothing on the other plate. This capacitor was a dead short. I have tried to imagine what their thinking process was in putting this cap in, but I am baffled. It is unlikely that any manufacturer would put a cap like that in without having a good reason, real or imagined. If it was intended to damp high frequency transients, then why isn't there one on the other side of the high voltage winding? Seems to me that relying on mutual coupling to effectively place the capacitor across both sides would not be too effective, especially for the high frequency components inherent in transients and assuming some nominal leakage reactance between the two halves. Similarly, if they intended it to bypass RF signals in an effort to reduce hum induced by the dreaded rectifier modulation of signals present on the ac line, why put the capacitor on only one side, and why such a large value. A big 0.1 Mfd 600 volt paper cap surely wouldn't be doing much at the higher frequencies, (it probably looks like an inductance above a few MHz). Interestingly enough, the cap is shown on the schematic and was in the set, but it is not in the parts list.

My inclination is to not replace it. I have included a MOV transient suppresser on the primary side of the new transformer and that should take care of most transients. If anyone has a good reason why I should put a new one in I would like to hear your reasoning. I will not put a replacement cap in just to preserve the original circuit configuration. That is not important to me, future generations can put one back in easily enough if the set should fall into the hands of a dedicated fundamentalist restorer after I'm working CW with a spark transmitter in the great beyond.

Thanks
Bob w4aos

Message-ID: <3943D324.4CA5@dia.reno.nv.us>
Date: Sun, 11 Jun 2000 10:57:56 -0700
From: Jack Antonio <dia@dia.reno.nv.us>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Two questions
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good morning

First, anyone have the connection information for a Merit A-2903
Universal Output transformer?

Second, is there a source for replacement cartridges for a Turner 350C? I picked up a very good condition case, but no mic element. (I've no complaints, it was 50 cents at a swap).

Thanks and 73

Jack Antonio WA7DIA
dia@dia.reno.nv.us

Date: Sun, 11 Jun 2000 14:01:37 -0400
From: polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <200006111801.0AA11726@aaa4rm.ba-watch.org.>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: GRC-109 & RS-6 on field day?

Anyone ever run one of these dumb/dumber ensembles on field day?

Might compete in <10w emergency power (say batteries / inverters).
Homebrew D-cell VFOs a given - xtal control outa question.

Wonder if you cud get 30 hrs svc. outa a set?

Cud set up camp with movie handbills fm Bridges of Toko Ri, Strategic Air Command, & Apocalypse Now as backdrops

Marty

From: W7QHO@aol.com
Message-ID: <31.6449139.26753334@aol.com>
Date: Sun, 11 Jun 2000 14:23:48 EDT
Subject: Re: TV-10 vs TV-7
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I've got a 10 and have been using it for several years. Seems to work FB. Have noticed a lot more TV-7s in adds, flea markets, etc. than TV-10s, though. Maybe the military just made a lot more 7s. Surely lighter to carry around and somewhat simpler to use.

Dennis D. W7QHO

In a message dated 6/11/00 8:39:31 AM, johnmb@mindspring.com writes:

>I've got a TV10 and never hear it talked about. Was it the ugly
>stepchild of the popular TV7 tube tester? What accounts for its
>relative obscurity? Once I got the roll chart in mine untangled it's
>been a keeper... I bought it from a friend who got it from Fair in
>the early 90s.

>

>Curious about its obscurity

>John

From: "Meir Ben-Dror" <wf2u@qsl.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: GRC-109 & RS-6 on field day?
Date: Sun, 11 Jun 2000 14:54:31 -0400
Message-ID: <006d01bfd3d6\$79f318a0\$0291a8c0@ntwks1.ws19ops.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Might compete in the dumb/dumber statements on the list.

I worked over 100 countries with my GRC-109.

Transmitter puts out 15W.

In other words, I don't knock your set, you respect mine.

Unless, of course it was said tongue in cheek in which case everything is cool.

-----Original Message-----

From: owner-boatanchors@theporch.com [mailto:owner-boatanchors@theporch.com]
On Behalf Of Marty's Refl. Drop
Sent: Sunday, June 11, 2000 2:02 PM
To: Old Tube Radios
Subject: GRC-109 & RS-6 on field day?

Anyone ever run one of these dumb/dumber ensembles on field day?

Might compete in <10w emergency power (say batteries / inverters).
Homebrew D-cell VFOs a given - xtal control outa question.

Wonder if you cud get 30 hrs svc. outa a set?

Cud set up camp with movie handbills fm Bridges of Toko Ri, Strategic
Air Command, & Apocalypse Now as backdrops

Marty

Date: Sun, 11 Jun 2000 15:20:28 -0400
From: polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <200006111920.PAA11834@aaa4rm.ba-watch.org.>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: RE: GRC-109 & RS-6 on field day?

Meir it sure was tongue-in-cheek

Those multi-part emergency "radio systems" were in fasion 45 yrs back - on all sides.

But one-piece briefcase-size spy sets like the PRC-1 were in circulation too & these seemed lots less "dumb"

Did you build/acquire a VFO for your remarkable 150-country GRC109 exploit?

Marty

Message-Id: <3.0.6.32.20000611154645.0079adf0@ntpop.usnews.com>
Date: Sun, 11 Jun 2000 15:46:45 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Avery Comarow <acomarow@usnews.com>
Subject: GR 125mh tapped coil
Cc: dcboatanchors@qth.net
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A cute li'l thing, looks like an inductance standard--four switch-selected taps, binding posts, wood case. I don't need it. \$5 shipped or I'll give it to whoever wants to pick it up.

73, Avery W3AVE in Potomac, Md.

Message-ID: <3943D9C7.F6B83824@execpc.com>
Date: Sun, 11 Jun 2000 13:26:15 -0500
From: Joe Eide <jeide@execpc.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: PP-454/FRT-5 schematic?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello gang,

I have inherited a Collins power supply (PP-454 / FRT-5). Anyone have

a schematic for it or a manual or copy??

Thanks in advance,

Joe - KB9R

Message-ID: <004401bfd3ec\$b27f6820\$9cc36ac6@oemcomputer>
From: "Hue Miller" <kargokult@proaxis.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Origin of "S" system?
Date: Sun, 11 Jun 2000 14:33:33 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Say, when did the "S" signal strength system arise?

When did S-meters start appearing? That would have had to have been around, what, 1937 or so, with the RMEs, Hallicrafters, Howards, and so on?

Before there were actual S-meters, was there an informal rating system, and if so, what was considered "full strength" in it - S9, S10, S5 or what?

(Forget please the "5 by 5" thing, which appeared, as far as i know, quite a bit later.)

Tnx, Hue Miller

Message-ID: <005f01bfd3ed\$8bfa2680\$9cc36ac6@oemcomputer>
From: "Hue Miller" <kargokult@proaxis.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: HamCom-hum
Date: Sun, 11 Jun 2000 14:39:37 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: mnhopkins@juno.com <mnhopkins@juno.com>

|Someone was examining a Collins console and I was tempted to observe,

|"the clock is running."|
| ab5L, michael in dallas

Makes you want to exercize and eat right,
doesn't it, so we can be around to see
COLLINS prices fall, and get the last laff.
Hue

Date: Sun, 11 Jun 2000 17:36:45 -0400
From: polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <200006112136.RAA12015@aaa4rm.ba-watch.org.>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 32V output

Mike & John

Mine's a 32V2 w/o RF "doctoring."

200ma @ 700V CW on 15m gives 100w out. On 80, 110w out.

How do I know? Just tested a homemade toridal "voltage balun."

Now on "doctoring." My V3 like so many others had a blown LV tranny.
So there's a TV xfrmr umbilicalled out the back.

Don't tell the boys on 3885 about it.*

Marty

*or the boys on 7th Avenue in S&G's "By the Light."

then, too, there's "not even you hairdresser will know"

End of BOATANCHORS Digest 2921
